

AMENDED

Serial No.

APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER  
OF USE AND PLACE OF USE OF THE PUBLIC WATERS OF THE  
STATE OF NEVADA HERETOFORE APPROPRIATEDDate of filing in State Engineer's Office **FEB 26 1992**

Returned to applicant for correction

Corrected application filed **MAR 12 1992**Map filed **MAR 12 1992** under 57238The applicant **Brady Power Partners****6200 S. Syracuse Way, Suite 125**of **Englewood**

Street and No. or P.O. Box No.

City or Town

**Colorado, 80111**

State and Zip Code No.

hereby make application for permission to change the

point of diversion of all (5.00 CFS) and place of use.

Point of diversion, manner of use, and/or place of use

of water heretofore appropriated under **Permit 49944**

Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and

Identify right in Decree.

1. The source of water is **underground (geothermal reservoir)**

Name of stream, lake, underground spring or other source.

2. The amount of water to be changed **3.41 cfs**

Second feet, acre feet. One second foot equals 448.83 gallons per minute.

3. The water to be used for **industrial and domestic (geothermal power)**

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

4. The water heretofore permitted for **industrial and domestic (geothermal power)**

Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.

5. The water is to be diverted at the following point **Production Well 47C-1, NE/4 SE/4 SW/4**

Describe as being within a 40-acre subdivision of public survey and by course and

**Section 1, T22N, R26E, having a bearing S09°07'48" E, 1105.36' from**

distance to a section corner. If on unsurveyed land, it should be stated.

**S/4 corner Section 1.**6. The existing permitted point of diversion is located within **NW 1/4 SE 1/4 section 1, T22N, R26E.**

If point of diversion is not changed, do not answer.

 **MDB&M, located N66°26'21" E, 3474.23 feet from the NW corner****Section 12, T22N, R26E, MDB&M****Brady Power Partners Geothermal Power Plant, SW/4**

7. Proposed place of use

Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.

**SW/4 SE/4, Section 1, T22N, R26E.****within the SW 1/4 NW 1/4 section 12, T22N, R26E, MDB&M**

8. Existing place of use

Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or

manner of use of irrigation permit, describe acreage to be removed from irrigation.

**January 1****December 31**

9. Use will be from to of each year.

Month and Day

Month and Day

**January 1****December 31**

10. Use was permitted from to of each year.

Month and Day

Month and Day

11. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and

**Geothermal production wells and****specifications of your diversion or storage works.)**  
**piping to geothermal power plant facilities and injection wells.**

State manner in which water is to be diverted, i.e. diversion structure,

ditches, pipes and flumes, or drilled well, etc.

**production wells/wellfield: \$8 million.**

12. Estimated cost of works

**wellfield: 10 months (August, 1991 -**13. Estimated time required to construct works **June, 1992).**

14. Estimated time required to complete the application of water to beneficial use 4 months (June, 1992).
15. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

SEE ATTACHMENT

By s/G. Martin Booth  
G. Martin Booth III, Agent  
251 Ralston Street  
Reno, NV. 89503

Compared jr/vjw jr/vjw

6/5/92 by: Geothermal Food Processor (Gilroy Foods, Inc.):  
 PRO. overruled,  
 Ruling No. 3894

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit to change the point of diversion and place of use of the geothermal fluid heretofore granted under Permit 49944 is issued subject to the terms and conditions imposed in said Permit 49944 and with the understanding that no other rights on the source will be affected by the change proposed herein.

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

The production and injection well are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain (CONTINUED ON PAGE 2)

The amount of water to be changed shall be limited to the amount which can be applied to beneficial use, and not to exceed 3.41 cubic feet per second.

Work must be prosecuted with reasonable diligence and be completed on or before June 26, 1994

Proof of completion of work shall be filed before July 26, 1994

Application of water to beneficial use shall be made on or before June 26, 1997

Proof of the application of water to beneficial use shall be filed on or before July 26, 1997

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed AUG 17 1994

Proof of beneficial use filed JUN 24 1999

Cultural map filed

Certificate No. 15311 Issued SEP 17 1999

Abrogated By 57810T 0.167 EXP 7-1-93

IN TESTIMONY WHEREOF, R. MICHAEL TURNIPSEED, P.E.,  
 State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 10th day of August

A.D. 19 94

*[Signature]*  
 State Engineer

Abrogated By 09189T 0.167 EXP 4-3-95, port. 6110T 0.167

port 62122-T 0.222

port 63934-T 0.64

port 65025-T 0.64

(0)-1108 (Rev. 6-81)

## (PERMIT TERMS CONTINUED)

other permits from State, Federal and local agencies. A detailed log on the injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

An annual report for this well must be filed under this permit describing the amount of geothermal fluid diverted and consumed to a beneficial use for the calendar year. This report must detail the amount of fluid produced and injected.

The total combined withdrawal of the geothermal fluid under Permits 57238 through 57245, inclusive, and 57286 through 57297, inclusive shall be limited to 33.64 cfs and not to exceed 19,572 acre-feet per year withdrawal but the total consumptive use of the geothermal fluid is limited to 4,276 acre-feet per year. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

This permit is further issued subject to the agreements executed by and between Gilroy Foods, Inc. and Brady Hot Springs Geothermal Associates dated December 18, 1987, Gilroy Foods, Inc. and Nevada Geothermal Power Partners, Limited Partnership dated February 1, 1991 and the State Engineer's Ruling No. 3894 dated June 26, 1992.



ATTACHMENT  
ITEM 15:

This geothermal wellfield will contain 8 or more production wells which will supply geothermal heat to a power generating facility at Bradys Hot Springs. The geothermal brine will be produced under eight existing water permits which allow a combined flow rate of 33.64 cfs. The eight existing water permits also allow a maximum of 19,571 acre-feet per year of water production, with water consumption limited to 4279 acre-feet per year. Total flow rates, water production and consumptive use will not exceed the combined amount allowed under the eight water permits, nor will flow rates for any one well exceed the allowed 5 cfs. The eight existing water permits are No.s 47166, 48675, 48676, 49944, 49945, 49946, 51592 and 51593.



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6200 S. Syracuse Way, Suite 125 of Englewood  
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 point of diversion of all (5.00 CFS) and place of use.  
Point of diversion, manner of use, and/or place of use  
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Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and  
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- The source of water is underground (geothermal reservoir)  
Name of stream, lake, underground spring or other source.
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Second feet, acre feet. One second foot equals 448.83 gallons per minute.
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Irrigation, power, mining, industrial, etc. If for stock state number and kind of animals.
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MDB&M, located N66°26'21" E, 3474.23 feet from the NW corner  
Section 12, T22N, R26E, MDB&M
- Proposed place of use Brady Power Partners Geothermal Power Plant, SW/4  
Describe by legal subdivisions. If for irrigation state number of acres to be irrigated.  
SW/4 SE/4, Section 1, T22N, R26E,  
within the SW1/4 NW1/4 section 12, T22N, R26E, MDB&M
- Existing place of use within the SW1/4 NW1/4 section 12, T22N, R26E, MDB&M  
Describe by legal subdivisions. If permit is for irrigation, state number of acres irrigated. If changing place of use and/or  
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- Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and  
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piping to geothermal power plant facilities and injection wells.  
State manner in which water is to be diverted, i.e. diversion structure,  
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S/G. Martin Booth  
G. Martin Booth III, Agent  
By 251 Raiston Street  
Reno, NV 89503

Compared cc/ jjs ap/se

Protested 6/5/92 by: Geothermal Food Processor (Gilroy Foods, Inc.):

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Certificate No. Issued

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNERSEED, P.E.  
State Engineer of Nevada, have hereunto set my hand and the seal of my  
office, this 26th day of June

A.D. 19 92

State Engineer

Abrogated By 57810T 0.167 EXP 7-1-93

Abrogated By 59189T 0.167 EXP 8-24-95  
per 62-22T (M) Exp 8-24-97



## (PERMIT TERMS CONTINUED)

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